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# Graphics Guide Get bette graphics from your commodors Thumder Blade You not your belongor against the world Microphrous Book Microphrous Given belong Against Given belong Against Given belong Tank Affacts Tank Affacts Tank Affacts Tank Affacts Tank Affacts Tank Affacts

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 On the C64

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### Graphics Guide



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### C64 PROGRAM CE

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### TABLE I: PRINTER CONTROL CODES

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### Commodore Products Users Group is the largest and most fri

computer club in the country

KOPUS Membership Secretary, Jack C. Cohen, 30, Bhancaster Road, fembury Park,

GAME REVI

# THUNDER BLADE

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# Flow of Ideas

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# The Software Spellbook

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4 THE PROPERTY AND LINE SECTION

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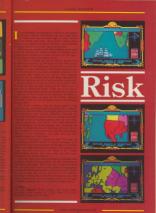
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# **Operation Wolf**





In this second article on Extended Basic, we develop a By Burghard-Henry Lehmann

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## Basic Workshop

# **Games Update** Jocky Wilson's Darts Challenge

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## **Tank Attack**





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## Tech Troubles

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I own a Commodere Plan's system which These row me able to accept, how do I go a

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## Sprite Library

### More tips on Sprite manipulation on th

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GETTING IT ALL IN

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### TABLE (Geometric — Hires)

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# Power Play Hockey

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The game can be played in a variety of pertubem the simple one or two player games and dislogits of the three periods, to determining the vicomputer opposition and whiteher to plan one analytic hands only counting the out-players. Either way may play, the curve to fire more to score the goods and more the national becomes Vota-county through standard periods. Votacount through standard periods correctly around the rists, but not should resemble that <sup>30</sup> them, or high speak starts have given therein.

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## Personal File **Database**

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USING THE SYSTEM

Introduction to

Graphics on the



by Allen Webb

### TABLE 2

TABLE 1 Europhon of realities

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TABLE 4

TABLES

In high resolution relook like a pair of d

00011H11 = 00 00 10 1

multicolour mode, the first pair was appears as the back ground colour, second pair would appear as a coloured in back ground see, that is as background two and the last as celear ram. Because only the beat 5 bits of the colour ram is used, bit pair can only use the fast or celears. The other bit is used to so multicolour mode for the party character. You see, if the hearts character. You see, if the hearts character. You see, if the hearts

shours. The other his is used to top utilizations: mode for the parties, heracite? Voic see, if the fourth toe, the character is set to me shown or else it is set to high rerison. In practical stone, you simple of the colour water (in mage cought to saves). This aid on to make the mode on some or to enabled and you are:

POKE 53270, PEEK(53270) OR.

FOKE 532%, PEEK(53239) AND 239

The rest example sets up a black screen and puts a mobicolous character east to the same character in high resolution mode.

20 POKE 53282,6 POKE 53283,3 30 POKE 53239, PSEEGS2270 OR 40 POKE 3034,1 POKE 1025,1 50 POKE 53596,1: POKE 55297,8 The lines 10 and 28 set up the col-

The lines 10 and 20 set up the coregisters. Line 30 turns on multicomode and line 40 pets on A in top left two screen positions. The POKE in line 50 clears the fourth of that particular volum sees location, thereby seeing the lack colos white, and setting the charactehalt recolorism. The second PC

offices.

In a manner an character set, the ser

To tern on extended background you use.

POKE 53265, PEEK(53265) OR 64 and to term it off.

POKE 53265, PEEK(53265) AND 191

TABLE

Here is a simple example: 10 POKE 53280,0: POKE 53281 POKE 545,1: PRINT CHRS(147) 20 POKE 53284,31 POKE 53282, POKE53283,15

PORE STORS, PERENTANDI OR 64
EGRE 104 TO 255
PORKE 2034-LI
VEXT I
is a simply a repeat of an earlier
agram. Here I have used PRINT
ERS[47) to clear the screen. On the
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ground colorar. By to use extended with multivaleur. L. arrier, it's possible to of memory used up by abazing the memory control is time, it's block it is time, it's block it is to does affer the coal screens active ample means of TABLE 7

The first step is to change the point is the screen with:

POKE S.3272 (PEEK;53272) AND
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As before, the start address affair
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## Relative File .... Programming

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Sequential data neces method If you've planning a relative fil a fixed keyfold, you may care

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# Mailbag

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When I look at me 12 and so Aniga I am reminded strongly of the old fable of the Grambepper and the Au-The Grambapper played a restore long, looping and gambelling all over the meadow, showing off, but

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of the Grandshopen principal to the picture in the pic

civil to reader to real to reliproper, but which many creases the reaching for the factors, to make much the factions, or make that the 128 is that of the hore and 128 is that of the hore and 128 is that of the hore and 128 is that of the hore woulderful makeline. If your easily inspect in its videa your only factor, I in what your only factor, I in what is parked when the regign is your only factor. I in what is nearly five pears ago, I extend for pears ago. I transplus account the tamping account the

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## Routine **Matters**

character set has to be recently but rowing ROM into RAM taken

Binders reanise and protect your disk with

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## First Steps

The C128, C16 and Plus4 all have their own sets of

Re Normer David

Direct Mode Only

No Graphics Area

Line Too Large

## Contributions

So you own a Commodore? So you've written some programs? So thy haven't you

Y nor Commodere is almost look out for more groupstane, his too, a nicket and even regular to last it you have controlling the plant could be of our to there of does not not to have a look of the look could be often to have all look of the look o

does entered we mad to have about a be if you have got enterthing which you disks, we may be extremely as the do you go about submitting it to est. Below you will find a lot of guide here that will help as to digit with any arm that you used in touch. We show!

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inger than this you must vertice a rik or concer.

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tailable for inclusions in the magazine we will write to you giring the terms in publication, the rate of payment and an agreement form. Possing critical in form will allow us to use your program as soon as possible.

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10) The last and most impurte make n'get writing', we a fer your attacks.



## Electronic Notebook Rv I. Kriehler



### C64 PROGRAM

CAR and BLUS /4 BROCKAM IN

### **Head for Home**

Wrad for Horse is presented in the form of two Basic Londers. These should be

Getting Going

## Software for Sale

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NOVEMBER 1988 ---

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FEBRUARY 1989 -TAPE MINU - Add a mens sevices to your program

DATA COADER - A simple man to exter those scarms PLAY THE GAME - A superb Ituit machine programme

DISK YDETERS OF SE

111	(RIGHT)	[3]
ш	(LEFT)	- 81
11	[DOWN]	Q

LIPESAVER	C64		REVERSER	1
This fittle machine code Basic programs to be en- ing messages etc. It will any part of the screen tha	nanced with flash- everse on and off you desire.	30 30 40 113 50	REMI *** REVERSE MACHINE COCC- PG61-48/LITOMITS BEADA FOCEL AD-G-A BUS-ABILITESPRENT DATA ERROR-SITOP DATA 130, 100, 13, 141, 20, 3, 149, 151, 141, 21, 2, 5, 7, 70 DATA 157, 294, 308, 18, 100, 255, 141, 57, 192, 188	NEXT H,95.

The routine redirects the IRQ Intsupt Vector at memory location 788 so ye Scole program will be free do do what y

To start REVERSER, POKE the fata into memory then POKE the following ocations with the values requested:

ocations with the values requested: POKE 251J.-BYTE Screen start address; POKE 252JH-BYTE POKE 253JNUMBER OF CHARS POKE 254JFLASH RATE

The accessor includes a chart down to the

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INFORMATION OF CHARACTERS TO BOYESTES AND PLANERATE \* 130 A-1033 FRM \* SCREEN ADDRESS \* 140 POXESTA AND 255 REM \* PORE VALUES FOR SCREEN ADDRESS \*

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SEPARATER INC \*

SEPARATER INC \*

By Neil Higgins

# Listings



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200			300, 1, 90, 7, 741, 840, 817, 124, 7 3, 30, 141, 1800		2070 DW38 188,8,340,33,00 20,140,29,000,140,124,0,0
	18, 741, 0, 176, 000, 021, 0, 008, 1				
	CERC DATA \$13,00,169,0,45,95				
			200,7,180,0.0708 3010 0078 280,110,68,70,180, 113,58,167,112,50,230,000,7, 808,004,109,6130		
				12	
48					
	8,890,188,9,8051				
	2.111,148,2,141,143,3,185,0,	res.			
			5,150,40,40,40,40,141,1,010. 139,16,000,0003	09	2510 0414 108,010,10,10,10,
		All			8,195,889,8,38,830,195,32, 9,147,32,1858
			188 137 191 1 200 20 184 194		
	ERTS SACA 144, 8, 833, 10, 157, N 7, N, 808, 16, 830, 830, 189, 187, N				3020 OWER 59,147,50,68,18 59,622,79,132,863,176,5,7
		E #	2000 DATE 8,000,38,184,148 2000 DATE 8,000,3,248,6,30,1 80,144,76,79,141,30,039,144		
	200 SHOW N. STATE , T. LTE , T		80, 144, 76, 73, (41, 30, 620, 144, 86, 300, 1768	3/8	
			3050 Date 0,741, 9,858,160,18		
				40	
30	ESSO DETA 305, 5, 281, 50, 741, E				
	,533,10,191,131,4,173,130,4,		191,4,158% DETE DADA SIR,80,169,16,199		
					200, 150, 3,0300 200, 000, 245, 804, 30,
		20			
			18,368,37,191,9,818,95,169.0	15	
			791,9,1708 3000 DAGA (DIE, 188,8,190,8,81		
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	3000 0#26 180,147,36,810,866 .36,144,103,38,38,136,39,913				
			3300 Dalle 30,191,11,818,188.		

PART A TRANSPORTO, P.

	180 Seco 173 PSS. P. PHO. 15. 32		-NE-793-8785		.013.182.79.48.624.173.026.0
66	180 Beck 173, 862, 2, 840, 16, 32   . epo, 173, 32, 162, 171, 32, 152, 1	63	300 Beck 35,7,5%3,36,4,188,1 -		
EB					30,160,19,169,000,133,053,16
		30	300 EASA BF, PLE, POF, 18, PV4, 1 62, 9, 157, 20, 216, 157, 68, 216, 1	20	874, 123, 1896 870 DATA SEN, 188, 188, 133, 613
	60.194.1806 180 0000 180.1.191.81.808.17		\$7,100,010,000		
	3,38,808,808,815,838,33,808,				
	130 0014 36,699,109,639,1.80 8.600,637,36.9,30,56,166,1,1				
	8,000,037,30.0,30.06,560,4,1 88,8,3807	Dill	\$10 Dere \$,740,78,4,155,118.	12	
			W.188,000,000,14,007,000,4,8 00,00,1440		830 DATE 208,11,173,1,208,20 1,100,178,9,241,608,6,80,64, 173,0,1708
	0,7,157,115,3,800,16,291,06,		100 BACA 250,168,11,157,147,		
	180 Dere wa, tet, to, son, 180, to				1,173,16,200,3,1,743,15,200,1
	1,711,20,3,568,163,711,21,3,	29	430 DATA 188.0,806,187,8,4,1	Co	710 0476 0.000.000,837.8.000
			80, 6, 205, 157, 40, 4, 189, 17, 205		
			990 2000 08,9,000,10,030,168		
				TE	780 DETA 3.48,130,3,741,130, 3,179,160,777,2,141,048,7,82
18	170 BACA 18,850,56,180,63,10 B,39,26,187,818,79,800,18,89	lin	16,097,1800		10.0.1685
	7,00,141,1894		7,70,4,000,16,007,160,4,160		
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co	,30,141,854,8078		7, 6, 740, 630.6, 146, 60, 600, 180		PID DATA DOD, TVI. 185, 111, 200
	100 0454 30, 111, 18, 31, 111, 38 31, 110, 50, 31, 110, 70, 30, 111	95	11,548,5863 470 0018 37,808,808,148,30.8		
			00,169,7,111,79,000,169,1,11		PGG Bala 168,88,141,18,808,8
			1,40,000,1900 WOD EATH LEG, DO. 141,189,0,18		
				44	780 0076 000 00, 173,038,0,00
24	180,31,711,1761		8, 180, 141, 830, 8, 160, 808, 141, 169, 6, 180, 6130		
	\$16 (M14 218,91,711,030,05.9 0,166,72,189,00,601,04,9,000	23	390 OFFE 3, 180, 183, 186, 187, 1		200 0 100 0 10 10 10 10 10 10 10 10 10 10
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					190, 117, 00, 110, 170, 70, 180,0 01, 172, 137, 0000
	PHI, 00, 160, 13, 180, 0, 190, 30, 2	ro	500 OWIE 057, 177, 0, 130, 000, 1	PK	769 BADA 3,809,6.32,85,171,5
ro	00,142,1609		0,099,00,180,1,142,009,0,142		B. LEW. MIN. BE. LEW. 174, 180, C. 1
	#30 0814 24,000,00,000,000,047,3 #,#18,#08.30,100,179,30,04,1		100 000 000, 140, 30, 000, 140,		
					700 BACK 166,166,11,168,85,0
95	PHD EMIN 30, 747, 139, 189, 69, 5		NO. 187. C. 1505		89,881,809,97,169,30,191,809
	%1, F4, FD0, 180, FD0, 141, 181, F, 385, FR3, 260, F138		180 OFFN TWE. 180. S. 14E. S13.S		
	250 ORIG 7, 711, 150, 0, 133, 051				
			930 BASA 130.3.148.80.3.142. 00,2,750,137.3.148.138.3.148		
			00, 3, 740, 137, 3, 140, 130, 3, 140	81	\$10 DATE 189, 3, 189, 189, 9, 7, 130 ,3, 160, 89, 168, 88, 808, 8, 840.
	260 CHTH 168, P49, 140, 187, 7, 1 68, 28, 141, 129, 7, 168, 8, 141, 16		592 Seco 3.148.807.8.148.808		
	272 BACA 38,141,186,7,168,8, 133,851,169,69,133,650,169,6				
	133,051,169,09,133,050,169,0	00	193 BASA 148,883,8,148,881,8	80	1,000,16,1000 030 Dece 100,30,145,051,141
100			(0,192,1949		
	280 BACA F. D. 7, T41, 187, F. T41, 187, F. T41, 187, FOR, 808, V4, 185, FOR, 145, 1				,369,639,7338 890 DRTE 368,88,185,91,608,8
			500 DATA BOF, E, T-07, 800, F, 50, 172, 85, 800, 141, 85, 800, 43, 1, F	30	
0.0	292 BACA 189.99,193,109,3,10 9,13,191,162,3,169,90,191,18		93,35,1798		41,040,5,000,000,041,000,15
				55	180.11,100,019 898 8004 36,119,693,693,119,
			107,364,3866		
			800 CWIR 179, 187, 2, 192, 22, 20	23	
74	808,793,188,8578		\$,199,090,191,18,000,000,100		060 DATA 19,32,65,167,173,18
	222 BASA 27, [41, 187, 2, 141, 82, 200, 359, 0, 133, 255, 169, 24, 362		59 0414 2.000.2,75,90.021.1		
					870 DASA 80,78,149,168,36P,3
BC.					150,00,100,93(187,000,053),8
	20,000,000,000,000,000,000,000,000,000,	50	800 SWIN 163,173, 899, 8,890, 3		900 DACA SUB. ES1. EV2. 73. ED2.
			,30,91,360,173,003,0,000,003 ,37,177,0000		
40	390 ORTH 191 P. 133 PER 173 L				890 5414 669,179,195,0,000.1 0,100,81,30,80,187,194,98,30
	50.0,105.0,133.053,173.1 50.0,105.0,133.053,173.000,1	Di	38,107,8,8308 670 0418 172,107,0.41,8,940		115,165,1681
			36,162,79,169,200,733,253,79		
5/9					
	178,167,1,7,168,70,138,187,9				P40, 6, 8188
-	380 Dete 380,77,178,197,81,9		188,4,139,862,169,46,139,80		
		1 79	169,00,100,0090 BHD DWTR #1,30,180,100,180,1		
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	272 BADA 67, 9, 189, 98, 172, 157				1,141,005,0,141,005,0,00,10
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85 830 8434 185,9,173,0,880,41, 15.73,15,133,895,808,43,38,1	30 1818 DASA 806,183,8,808,83,1 62,16,792,183,2,232,192,106,	DF 1930 DRTH WH.175.8,LOS.LO. 2 7.129.9.202.(6.230.232.192.
76 185 1686 74 845 8454 173,635.6,145,646,7 ,806,636,6,806,814,173,613.6	88 1892 BASA 141,4,818,145,184, 88,141,187,8,140,188,8,88,88,	1,018,190,10011 E1 1500 Deck 13,010,188,0,141 8.818,188,3,043,0,210,180,6 1943,11,1887
61 650 DRTH (N), 213, 2, 200, 3, 32, 200, 200, 200, 200, 20	79,70,1848 88 1830 5636 67,360,41,169,34,0 09,850,849,7,800,569,25,609.	0.030,140,10.050,133,134,450
F3 860 Date 73, 24, 240, 230, 2, 78, 120, 221, 160, 250, 260, 1, 200, 14	01 1942 DACA 24, 85, 58, 65, 189, 0, 141, 11, 212, 180, 0, 141, 12, 212,	CF 1550 543e 17,173,175,4,601, 8.808,50,173,116,4,801,48,8
38 87, 57, 5887 38 873 3876 187, 176, 858, 38, 118, 185, 38, 955, 566, 76, 189, 834, 85	07 1000 0010 515 100 17 101 11	8.3.141.1870 83 1630 Date 247, 2, 66, 566, 6, 71 (247, 2, 311.287, 6, 141. 142. 2
190, 07, 790, 190, 79, 109, 691, 69 1.0, 600, 10, 6077 IX 180 OFFA 180, 60, 38, 189, 187, 17 6, 809, 30, 110, 165, 30, 181, 180	CE 1860 6030 212,160,9,141,18,0	
NE RES BADA (EL.Y. PVZ. E3. CEL.S.	10,141,13,010,200,33,141,15, 210,180,0,1804 2A LETO DETE D-0,8,919,86,180,1	100, 8, 24, 100, 119, 9, 120, 191, 201, 1920 10 1500 DRIP 50, 194, 8, 833, 20, 1
97.0, 1800 97.0, 1800	17,141,12,212,740,13,212,160,	"E 1550 COTE 50.194,8,23,32,17,114,4,200,144,830,66,162,0 144,200,1747 E2 355 Below 0,147,141,3,636,6
180, 741, 890, 7,850, 180, 173,80 4,8,808,75,8085 Ft 1000 Beck 173,517,8,808,10,1	218,86,173,184,8,73,9,943,98 4,8,141,1665 EF 3250 DATA 246,7,56,173,66,3,	8, 748, 2, 50, 188, 20, 4, 188, 141 2, 521, 1858 EX 1676 Defe 68, 144, 2, 233, 18, 1
73.0.0007.41,18,608.9,36,189. 147,800.1801 Ct 1000 Sefe 237,2,200.28,230,1	808, 87, 1831,01,141,000,01,141,0 6, 3, 1837	7, 36, 4, 500, 20, 238, 238, 200, 179, 500, 1818 F2 1880 BANA 8,800, 65,208,77,
	0,741,61,000,179,1,000,145,9	1,888,8,38,105,000,190,75,1
GB 1030 Sect 135, 3,179,169,179, 8,151,199,7,199,179, 8,151,199,199,199,199,199,199,199,199,199	03 1313 8606 187, 141, 249, 7, 173, 95, 208, 72, 41, 1, 242, 9, 104, 9, 3	21 0000 0000 00,0,000,00,000,000,000,000,
## 1640 Seff 162, 1, 142, 285, 2, 20 2, 140, 285, 2, 16, 120, 231, 211, 2 200, 40, 4014	F3 1800 00FF 3, 309 91,000 (41,1 6,200,54,179,6,200,230,10,11	EE 2500 bene 143.3.160.5.00. 4.3.160.5.240.140.3.500.24
E1 2000 Bobs DEL 9, PHS, 9, PHS, 141, 160, 160, 1, 140, 100, 0, 140, 160	27 1230 0454 170.0.172.18.008.4 1,852,751,18.608.80.58,172.2 1008.832.0008	30 LEGO ONTH 9,120,141,3,800,1
E1 (000 0000 140,100,0,100,004, 141,040,7,000,000,170,000,0,	8E 1910 DAYN 1, 111, 0,000, 001, 00 ,178, 000, 200, 0,141, 00, 3,141,	40 Med Serie 232, 189,40, 4, 621, 17, 735, 7, 176, 7, 144, 6, 634, 6
10 1976 DATA DIT, 0,000, 10,173, 0 .000,41,18,000,0,00,41,188,0	78 1800 8050 179,81,800.41,803, 191,80,800,80,175,00,31,800,7	EF 100 0 000 000 000 00 173 0 9 100 0 000 00 144 0 000 1
47 2000 DACK 0,000,000,030,130,3 200,0,141,027,0,05,130,0,14	E3 1908 0000 141,000,0,141,00,3 1741,000,0,13,81,000,141,01,01, 000,173,1800	5# 18'00 DRIE 9,779,55,9,109,8 50,500,199,8,339,10,191,91,
DR 1000 DRIN 3,370,380,377,0.14	93 1370 DATA 1.808,141,3,808,18	** 3555 BASA 2,165,48.4,165,6
53 1100 5454 1,148,839,838,830,14 8.008,8.70,188,834,808,80.3	0,71,1,1837 68 1908 5000 000.0.104,91,700,1	42 1508 BASA 16, 299, 96, 169, 6, 1
06 1110 0078 32,103,107,32,048, 159,56,373,1,008,832,8,373,1	En 1200 Bech 200,04,779,0,020,1 00,18,141,8,000,144,168,179, 18,000,0,700	15 1870 DRTH 8, FLP, 160, 06, 191
TF 1300 CHTM 6, 711,52,3,85,206,	OE 1400 DATE 2,140,00,000,141.0	60 2800 8454 100,8,008,7,008,1 24,90,3,04,144,1,58,40,15
DR 1130 3606 89,179,1,000,189,0	CE 1415 5030 168,8,808,144,13,7 8,179,16,600,9,6,141,15,808,	93 1930 5454 Pt. 188,008,04,48,
30 1100 Dark & 133 day 133 3 10	BF 1450 DFTR 3,504,745,F,808,86 ,500,F,808,603,60,141,815,16	AE 1700 OWTH 33,70,41,1,808,3
9,0,133,899,173,16,800.63,66 1100,899,1997 87 1100,899 11,89,189,38,106,8 81,133,861,199,8,930,865,188 81,133,861,199,8,930,865,188	54 1935 5454 804,8,141,85,3,141	DR 1710 DATA 80.31,70.10.1.000 3,67,171,1,30,271,200,277,1
	50 1900 0018 50 193 003 6 008 3	E1 1700 DATA BOS 10, 183 130 21 1200 DATA BOS 10, 183 130 21
21 1100 SACA TY, 74,70,00,023,3,01, 121,091,139,090,09,189,1,008 1005,9,1700 11 1170 DATA 79,79,56,230.6.	7,000,183,8,008,38,188,4,148 ,183,8,1843 00 1950 0418 56,189,00,1,033,3	27 1790 7815 C-00, C-007
133, 2,133,053,160,5,6,053,38 ,854,1754 EK 1180 BACA 136,200,246,24,165	800,90,170,00,72,100,9,000,8 0,9,1030 00 1900 DRTH 800,90,800,8,130,1	9, 163, 189, 206, 136, (6, 247, 36 1, 141, 236, 2066 78 1746 5434 8,180,80,140,178,
.851,991,853,139,851,166,856 100,859,133,856,888 86 1380 0879 388,3,890,14,168,8	8,2%,397,190,221,2,96,391,2 9,105,10,1868	,740,188,8,88,808,838,9,808 82,388,3808 CB 1350 ONTH 5,793,236,6,172,8 0,6,689,72,176,176,8,98,38
,133,253,169,0,133,3,133,254 ,260,3,1630	8,85,157,66,9,86,168,0,598,5	C7 1700 5000 180 0 180 180 18
GB, 38, LB, L70, L79, LB0, 2, L0, L4 L1, 212, LB90	50 1180 DRIM TW. TW. 3,838,118. TW. 3,838,58,388,119,4,883,1 11,3,801,8000	63, 131, 48, 136, 808, 16, 846, 11 , 16, 841, 806, 8084

77.	3779 8454 132,2,168,0,010,02				
	8,79,151,169,49,151,130,49,0 39,39,698,1785				
	1780 Date 230, 35, 200, 96, 169,		2008 Ends NE, 28, 141, 65, 28, 14		
			1,130,10,741,1,18,191,90,19,		
	\$15,35,35,500,175,619,6,600,				
	3790 BASA 135,30,164,167,169		SCCO DATA 15.191.030,18,191,		
			30,80,111,72,80,111,180,80,1		
	-2.131.000.2302				
	1800 DECA U. M., 179, 179, 5, 58,				
			08,82,111,1800 0000 Data 181,80,141,810,80	26	\$300 DATA BOD , 828 , 544 , 3. 3
				20	
			141,58,05,1436		
			2010 Date 191.0.00, 741, 117, 2		
				18	
					\$380 ONTH 8, 212, 189, 17, TH
	09,959,60,1093		FLSG Sere 153, 27, 745, 245, 27, 151, 11, 20, 141, 130, 20, 741, 808		
	1910 BADA 111,0,000,160,100,				79, 173, 1766
			#130 BASA 28, 740, 18,29, 740,1		
	1800 500 8 223, 1, 178, 10, 72, 17				3.76, 1803
	D4,145,0,270s				
	LOSG DATA 200, 200, 237, 2, 200				
					\$120 OMTA 121, 3, 200, 18, 20
					08. 9,000, 14,160, 1,741,100
					80,141,1816
	\$,177, \$,711,000,7,000,0,000, \$,50,1670				2, 3, 173, 129, 3, 693, v, 626, L 3, 90, 1 918
	1000 DETA DIS. 100, 173, 130, 3, 200, 60, 160, 160, 9, 30, 200, 160, 160, 160, 160, 160, 160, 160, 1		517,007,79,000.11.173,79,4,8		89-0 CHIS 30,10,170,06,17
			2170 DATA 200, 9, 191, 281, 2, 05		5,9,000,71,173,1,000.000. DR.000.1870
					P450 5000 03,179,18,008,4
			\$100 ONTS \$.150.0, \$15, \$30, 50		200,50,179,50,3,000,41,1
					F180 OFCS 201, 150, 170, VI.
					#, 000, 273, 0007
				60	
	1500 0434 10, 170,06,179,0,00				
					71,070,111,07,000,170,00,1
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					2502 DACK SE,173, 8,000, 23:
		24	50'40 (0)8 (41,89.008.188.11.		
	2902 5000 26, 230, 230, 2, 259, 2				2500 Date 10, 200, 200, 138,1
		2.0			
15	1977 0010 109,177,2,141,048,				
		8.2	FRES BASA 151,2,188,9,141,46		
	5,50,0,631,181,090 OFF CO				
		81			
			EE73 BACA 191,105,2.191,108,		
	1990 DACA 139,3,99,180,80,16				
		63			
			11,618,80,173,09,3,216,4,26,		BOB, 173, 26, 2151 BETO DRIN 800, 9, 30, 141, 81, B, 141, 92, 3, 30, 627, 172, 80, 8
		**			
			2300 BACA 58,502,4,35,28,177		173,10,1900
		10			
			2350 ONT# 55.3,000,02,170,05		
	150,007,000,00,141,73,18,040				
17	150.007 2000 fels 15 121 180 18 190		0.000 - 1000	0.0	2500 DATA 138, 141, 16, 208, 1
,	150.387 150.387 20% (Wis 15.141.180.18.7%)	-	0.050.7,1880 0.050.7,1880		6990 6434 138, 143, 16, 808, 1 ,141,10,808,86, 199,173,65,
	150,007,000,00,141,73,18,040	-	0.000 - 1000		0500 0414 138, 143, 163,808,1 .141,10,808,86,304,173,61 8,43,803,141,1573 2600 3604 63,808,273,88,3 8,5,180,188,140,865,7,669

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54 0510 0474 000,141,11,000,141	75.4, 230.5, 200, 230, 5, 200, 206	11 3180 BACA 881.0,808,178,73.1 50,18,881,0,900,191,68,94,86
8.80,1400	84 2850 DATA 208, 41, 185, 9, 141, 1 05, 3, 123, 91, 3, 250, 14, 132, 250	FA 3170 DATA 200.60.50.112.008. ER.162.6.91.18.008.00.40.10
06 2620 GaTH 29,35,34,168,50,3, 208,61,169,21,209,87,210,7,2 00,189,1709	77, 1907, 1813 F7 8500 DFFA 181, 144, 14, 160, 158 , 140, 250, 7, 208, 17, 179, 250, 7,	1173,8,1668 11 3689 5659 208 233 8 221 6 23
12 8630 DATA 36,808.67,808,40,1 89,1,289,806,5,808,806,91,14 1,29,172,602	97 250, 771, 76, 2213 97 250, 057, 176, 223, 250, 7, 200, 5, 250, 231, 140, 250, 7, 272, 275	
0A 28:473,8032 0A 28:40 OMFA 18,808,81,98,115,8 08,28,189,0,208,800,38,144,8	no 2930 8000 to 173 225 2 208 3	38 3580 5000 28,578,257,24,500 8,46,39,208,249,52,173,2,208 109,8,3024
53 2650 565a 208 233 6 157 1 20	80,180,2,141,80,3.50,172,4,6 00,1480 82 2630 3656 297,86,3,176,50,78	27 3800 0818 881, 0,808,744, 0,17 6,187,173,0,269,166,0,176,24 2,56,96,2021
0,180,170,004,4,006,5,145,05 0,7,008,0023 E1 2663 8656 3,141,265,7,85,08	.173.05.200.73.7.111.15.200.	
21,56,160,50,160,31,200,67,8	28 29-0 DATE 14, 808, 80, 173, 58, 3, 2-0, 4, 38, 806, 176, 66, 173, 86, 3	60 3000 CaTa 76,001,180,173,85, 208,791,05,008,91,1,000,3,76
200, 800, 87, 840, 894, 260, 60, L		78 3830 3674 188, NB, TVI, DB, 808, 172, 17, 808, YI, 187, 111, 17, 808, 189, 818, 818, 8179
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